

COMPONENT MADE OF A FIBER COMPOSITE MATERIAL COMPRISING
WOUND LAYERS

ABSTRACT

A component made of a fiber composite material comprises at least three wound layers (20a-d) made of a fiber material that are arranged one over the other. Each of the wound layers comprises one or more windings (23), wherein for each wound layer comprising more than one winding, all windings of said wound layer have the same winding angle and are separated from each other at least in some sections, whereby intermediate spaces (25) are formed between the windings. All windings of at least two of the wound layers have the same first winding angle (β). Furthermore, all of the one or more windings (23) of at least one wound layer, which is arranged between the at least two wound layers having the windings having a same first winding angle, have a second winding angle (γ), wherein the magnitude of the second winding angle (γ) is different from the magnitude of the first winding angle, and wherein at least one of the windings having the second winding angle (γ) intersects with at least one of the windings having the first winding angle (β).

[FIG. 4]